

FIG. 1G



FIG. 1H

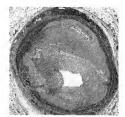
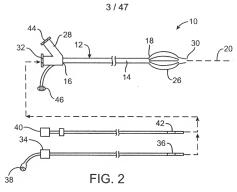


FIG. 1I



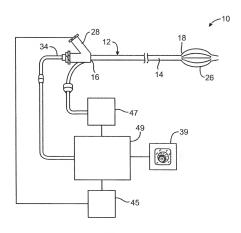
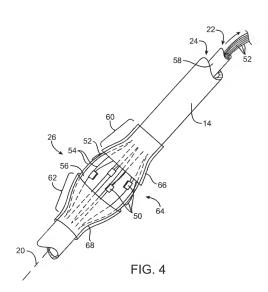
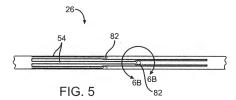
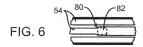


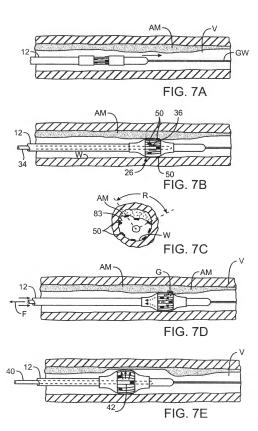
FIG. 3

Application No.: 11/392,231
Applicant: Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Atheroma and Other Target Tissues and/or Structure
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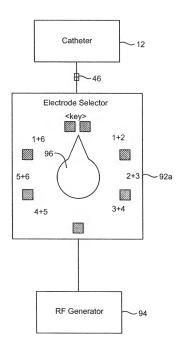


FIG. 8

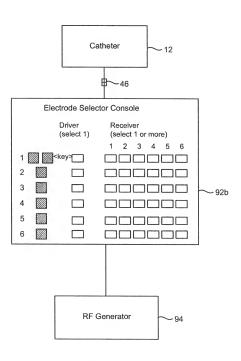


FIG. 9

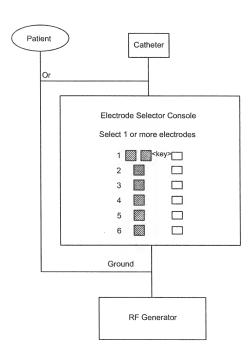


FIG. 10

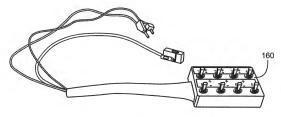


FIG. 11

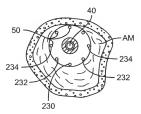
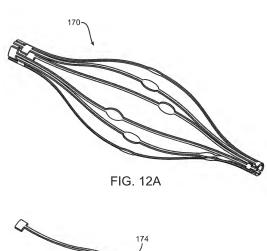
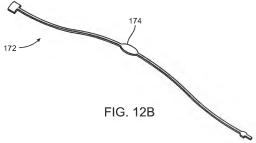


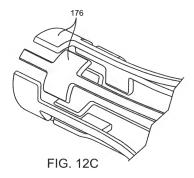
FIG. 13

Application No.: 11/392,231
Applicant: Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Atheroma and Other Target Tissues and/or Structure
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Application No.: 11/392,231
Applicant: Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Atheroma and Other Target Tisues and/or Structure
Replacement Drawing Sheet 12 of 47



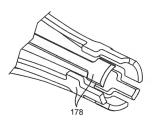
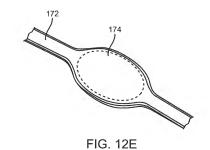


FIG. 12D



170 174 182 182

FIG. 12F

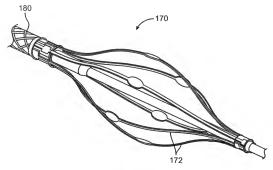


FIG. 12G

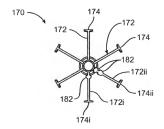


FIG. 12H

Application No.: 11/392,231
Applicant: Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Atheroma and Other Target Tisues and/or Structure
Replacement Drawing Sheet 15 of 47

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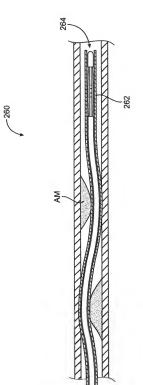
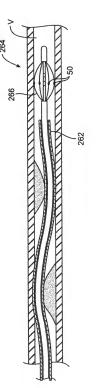


FIG. 14A

Application No.: 11/392,231
Applicant: Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Atheroma and Other Target Tissues and/or Structure
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Application No.: 11/392,231
Applicant Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Atheroma and Other Target Tissues and/or Structure
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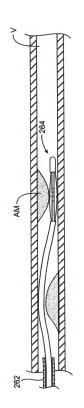


FIG. 14C

Application No.: 11/392,231
Applicant: Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Atheroma and Other Target Tissues and/or Structure
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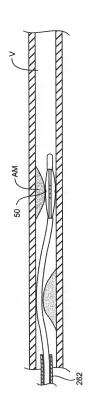


FIG. 14D

Application No.: 11/392,231
Applicant. Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Atheroma and Other Target Tissues and/or Structure
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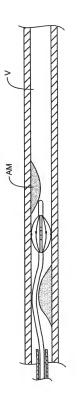


FIG. 14E

Application No.: 11/392,231
Applicant: Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Altheroma and Other Target Tissues and/or Structure
Replacement Drawing Sheet 20 of 47

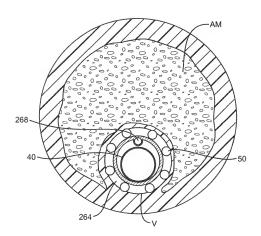


FIG. 14F

Application No.: 11/392,231
Applicant: Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Altheroma and Other Target Tissues and/or Structure
Replacement Drawing Sheet 21 of 47

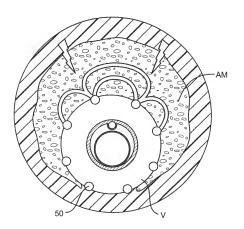


FIG. 14G

Application No.: 11/392,231
Applicant: Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Atheroma and Other Target Tisues and/or Structure
Replacement Drawing Sheet 22 of 47

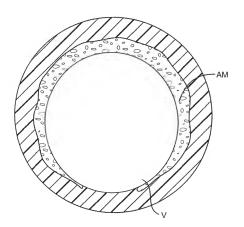


FIG. 14H

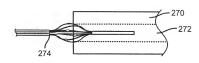


FIG. 15A

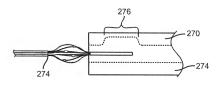
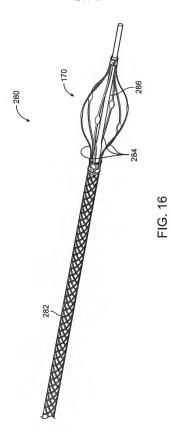


FIG. 15B

Application No.: 11/392,231
Applicant: Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Atheroma and Other Target Tissues and/or Structure
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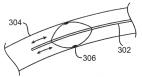


FIG. 17A



FIG. 17B

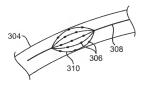
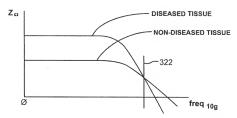


FIG. 17C

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INPEDANCE OF DISEASED AND NON-DISEASED TISSUE

FIG. 18

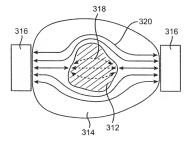
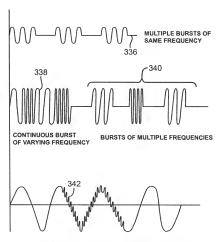


FIG. 19

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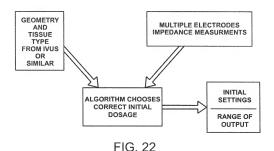
FIG. 20

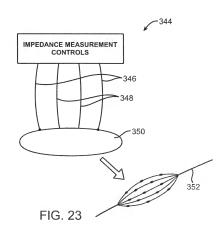


MULTIPLE FREQUENCIES SUPERIMPOSED IN BURSTS

FIG. 21

+





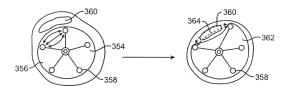
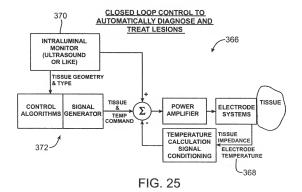
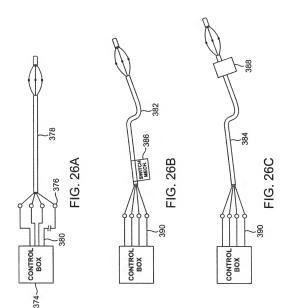


FIG. 24



+



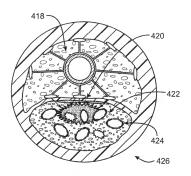


FIG. 27

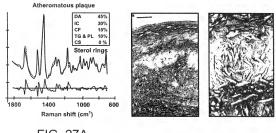
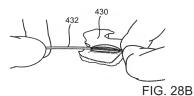


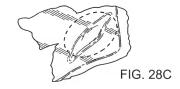
FIG. 27A

FIG. 27B FIG. 27C

Application No.: 11/392,231
Applicant. Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Atheroma and Other Target Tissues and/or Structure
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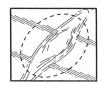
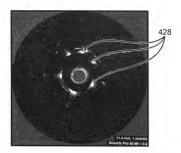


FIG. 28D





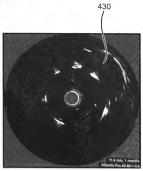
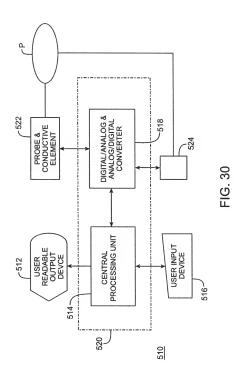
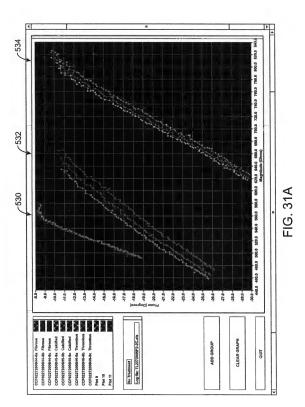
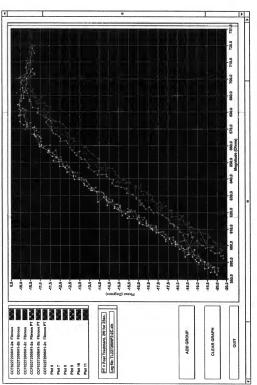


FIG. 29B







1G 31B

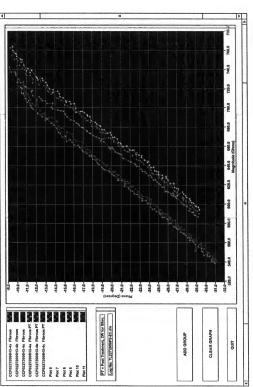
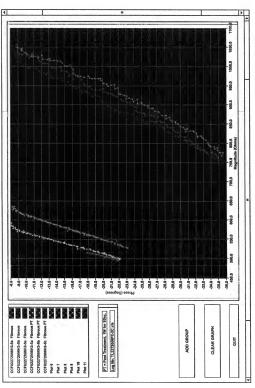
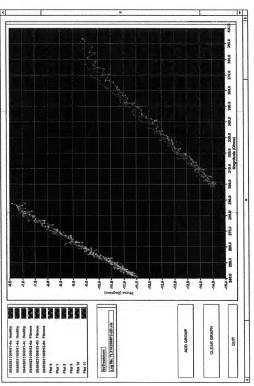


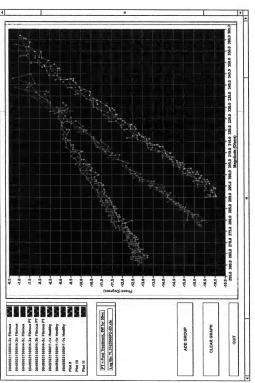
FIG. 31C



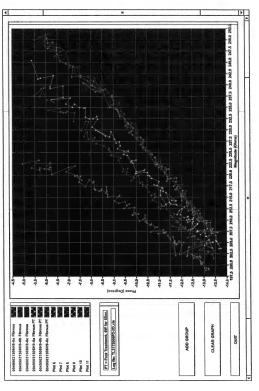
G 24D



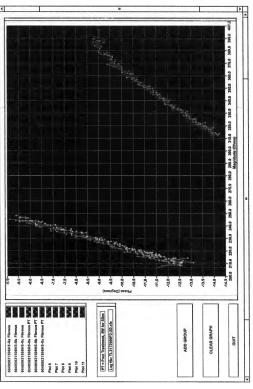
3.31F



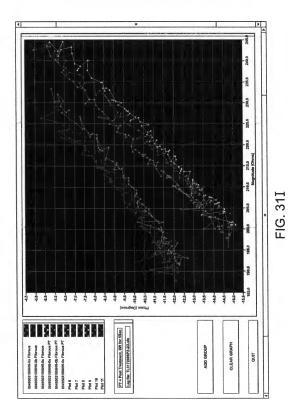
31F



IG. 31G



31H



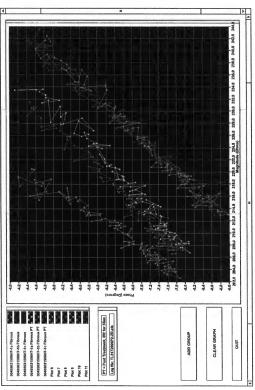


FIG. 31J

Application No.: 11/392,231
Applicant. Corbett W. Stone, et al.
Title: Intraluminal Electrical Tissue Characterization and Tuned RF Energy For Selective
Treatment of Atheroma and Other Target Tissues and/or Structure
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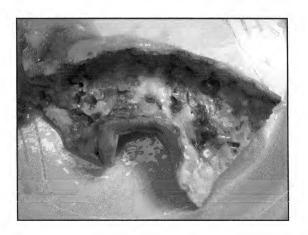


FIG. 32

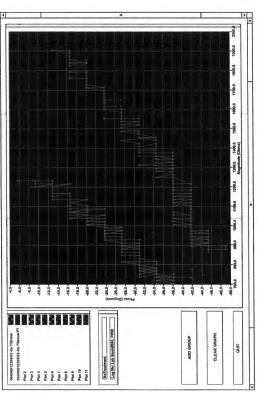


FIG. 32A



FIG. 32B



FIG. 32C